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Statement of participation

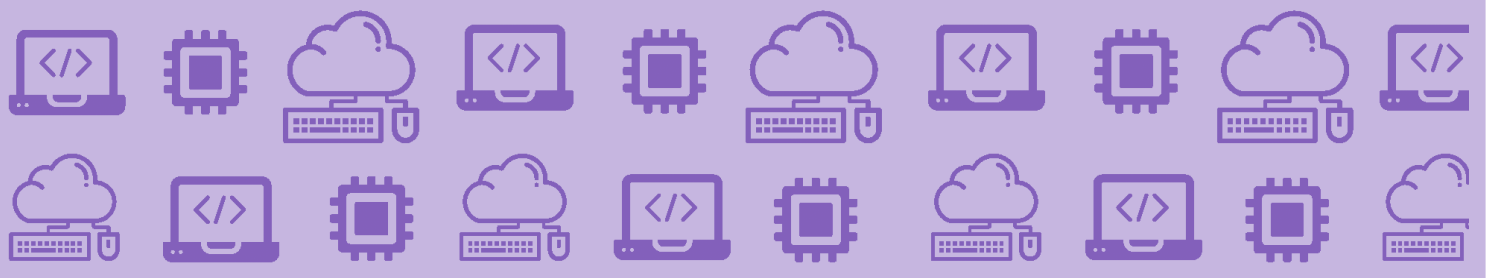
Rebaone Khanyisile Cynthia Vilakazi

has completed the free course including any mandatory tests for:

Software development for enterprise systems

This 8-hour free course taught about current development practices for enterprise systems and developed relevant skills to apply them.

Issue date: 1 March 2024



www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:
https://www.open.edu/openlearn/digital-computing/software-development-enterprise-systems/content-section-0

COURSE CODE: **M885_1**

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Software development for enterprise systems

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Course summary

Enterprise systems are software applications that automate and integrate all many of the key business processes of an organisation. With some understanding of software development, in this free course, Software development for enterprise systems, you will learn about current development practices for this type of system and develop relevant skills to apply them to real-world problems. You will develop core skills in object-oriented analysis and design, allowing you to develop software that is fit for purpose, reusable and amenable to change.

Learning outcomes

By completing this course, the learner should be able to:

- describe a software development process used in an object-oriented approach to software
- describe the activities that take place during software development
- understand the different modelling perspectives used in the course, and what is important in each of them
- understand the terminology of objects
- understand the terms framework, component and pattern, and discuss their relevance to the development of more flexible software.

Completed study

The learner has completed the following:

Section 1

Introducing the terminology

Section 2

Software development processes

Section 3

The Unified Process

Section 4

Emergent approaches to software development

Section 5

Modelling and the UML

Section 6

The object-oriented approach

Section 7

Reuse

Section 8

CASE tools